

Role of Local Communities in National Defense
Stressed, by Moma Milovanovic, 11 pp.
SERBO-CROATIAN, par. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 8

May 71

Conclusions of National Defense Council Discussed,
by Milefica Pantelija, 12 pp.
SERBO-CROATIAN, per. ~~Qilipina~~ Qilipina Qilipina. Belgrade,
No 1, Jan-Feb 1971, pp 7-11,
JPRS 53003

May 71

Training of Territorial Defense Forces Discussed,
by Vlado Kresovic, 12 pp.
SERBO-CROATIAN, rev. ~~Col. J. Kasilin~~, Belgrade,
No 1, Jan-Feb 1971, pp 38-51.
JPRS 53003

May 71

Agriculture and Nationwide Defense in
Mountainous Areas Discussed, by Milorad
Lecic, 16 pp.
SERBO-CROATIAN, per, Odbrana i Zastita,
Belgrade, Sep-Oct 71, pp 5-11.
JPRS 54868

Feb 72

Law on Nationwide Defense in Croatia, by
Milos Funduk, 5 pp.
SERBO-CROATIAN, per, Odbrana i Zastita, Belgrade
Sep-Oct 72, pp 20-22.
JPRS 58167

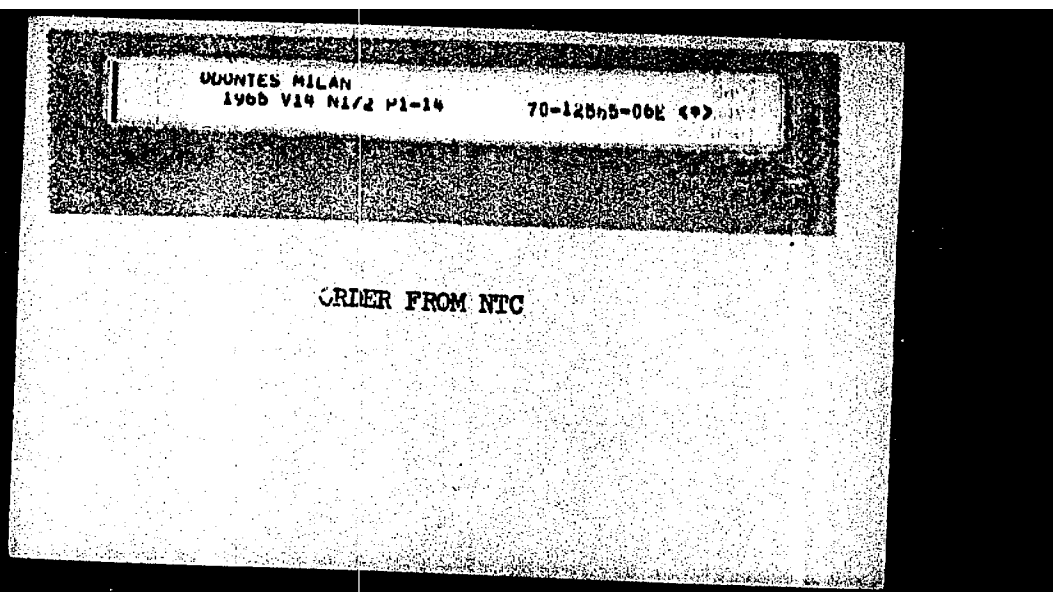
Feb 73

Adriatic Tourism From Standpoint of National
Defense, by Andjelko Kalpic, 7 pp.
SERBO-CROATIAN, per, Odbrana i Zastita,
Belgrade, Sep-Oct 72, pp 46-49.
JPRS 58167

Feb 73

The Kind of Territorial Defense That We Need,
by Petar Pepeljugovski, 8 pp.
SERBO-CROATIAN, per, Odbrana i Zastita, Bel-
grade, Nov-Dec 72, pp 34-36.
JPRS 58479

Apr 73



Comparison Between the Cleaning Effect of the
Toothbrush and Emda Mouth Douche, by P. Gerdin,
et al.

SWEDISH, per, Odontologiska Foreningens Tidskrift,
Vol 30, 1966, pp 125-127.

NTC 71-14759-06I

Feb 72

An Approach to a Graphical Representation of
Regulation and Determination in Population
Dynamics, by W. Thalenhorst. 14 pp.
GERMAN, per, Oecologia, No 1, 1968, pp 377-384.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-29-June 1969-Nov 47
On Loan

Sci-B&M
Nov 69

396,825

U. Halbach et al.

Are simple time lags responsible for cyclic
variations of population density?
EUROPEAN, Oecologia, Vol. 9, No. 3, pp.
215-222 (Jan. 1972)
C.E. Trans. 6072D

dec 72

G. Cornic

Importance of Photorespiration in the Photosynthetic
Balance During the Growth of the Leaves.

FRENCH, per, Oecologia Plantarum, Vol 5, 1970,
pp 355-363.

NTC 72-13960-06C

Nov 72

F. E. Eckardt

Functioning of an Ecosystem at the Primary
Production Level. Measurements Made in a
Helianthus Annuus Crop.

FRENCH, per, Oecologia Plantarum, Vol 6, 1971,
pp 51-100

CSIRO-Trans-10805

NTC 72-13409-02D

Oct 72

Psychological and Physiological as Well as Organic
Damage Due to the Effects of Noise and High
Sounds, by K. Jatho.

GERMAN, per, Coef. Gesundheitswesen, No 29,
July 1967, pp 293-298.

*ACSI J-9271

*FSTC-HT-23-252-71

Sci/B&M
Jan 71

East Bloc Propaganda Activity in Mali,
by Joachim Voss, 82 pp.
GERMAN, monograph, Die Oeffentlichkeitsarbeit
des Ostblocks in Mali, Mar 1965, pp. 1-97.
JPRS 31858

EE-Germany

Econ

Sept 65

285,907

Maritime Navigation, Emphasis on the Harbors of Rostock,
Wismar and Stralsund.

GERMAN, rpt, Oekonomische Geographie Der Deutschen
Demokratischen Republik, 1969.

DIA LN 1014-71

Oct 71

Inland Shipping in the German Democratic Republic.
GERMAN, per, Oekonomische Geographie DDR, 1969.
DIA IN 986-71

Oct 71

Gas in Bavaria.
GERMAN, np, OEL, C4524E, 6 Jun 1968,
pp 194-196.
DIA LN 80-69

Dec 68

370.556

Pipelines in the USA and in Europe.
GERMAN, per, OEL, 3 March 1970, pp 66-72.
DIA IN 1172-70

June 71

Welding of High-Strength Constructional
Steels With New High Basic Flux, by
H. Bauch, R. Rieger.
GERMAN, per, Oerlikon Schweissmitteilungen,
Vol 23, No 54, 1965, pp 4-15.
BISI 4381

Sci/NQM
Nov 65

290,552

Doc. (UCRL-Trans-10603) MEASUREMENTS OF SOME
CAPTURE CROSS SECTIONS FOR FAST NEUTRONS. Golditz, J.;
Hille, P. 10Translated for Univ. of California Lawrence Liver-
more Lab., Livermore, from 15Oesterr. Akad. Wiss. Math.-
Naturwiss. Kl., Anz.; 105: No. 1, 237-41(1968). 207p. 24Dep.
NTIS.

NTC 72-13819-2011
24Physics (nuclear); translations 2720H

28MN-34 29P NSA

On Interpretation of $(n, 2n)$ Effective Cross
Sections, by P. Hille, B. Karlik, 18 pp.
GERMAN, per, Oester. Akad. Wiss. Math.-
Naturwiss. Kl. Sitzungsbe. Abt II, Vol 174,
No 1-4, 1965, pp 11-31. P 911278267
ABC BNL Tr-135.

Sci-Physics
Oct 67

341,596

Studies in Interpretation of the $(n, 2n)$
Effective Cross Sections in the Case of Cr^{52} ,
by Siegfried Tegen, Peter Hilla, 13 pp.
GERMAN, per, Oesterr. Akad. Wiss. Math.
Naturwiss. Kl., Sitzungsber., Abt II, Vol 174,
No 1-4, 1965, pp 85-95. F911280667
AEC BNL Tr-136

Sci - Physics
Sep 67

336,982

A New Energy Spectrometer for Intermediate
Neutrons, by R. Dobrowolsky, H. Falber, 11 pp.
GERMAN, per, Oester. Akad. d. Wissenschaften,
Math.-Naturwiss. Kl., Sitzungsberichte, Vol 173,
1965, pp 331-342. P911282967
AEC ORNL Tr-1657

336,959

Sci - Nuclear Science
Sep 67

Potentiometric Coulometry and Its Application
for Determination of Uranium and Plutonium, by
E. Schmid, 23 pp.
GERMAN, per, Gestr. Chem. Ztg. Vol 67, No 1,
1966, pp 8-16. P911302367
AEC RFP Tr-27

341,536

Sci - Chem
Sep 67

F. Bruckmayer

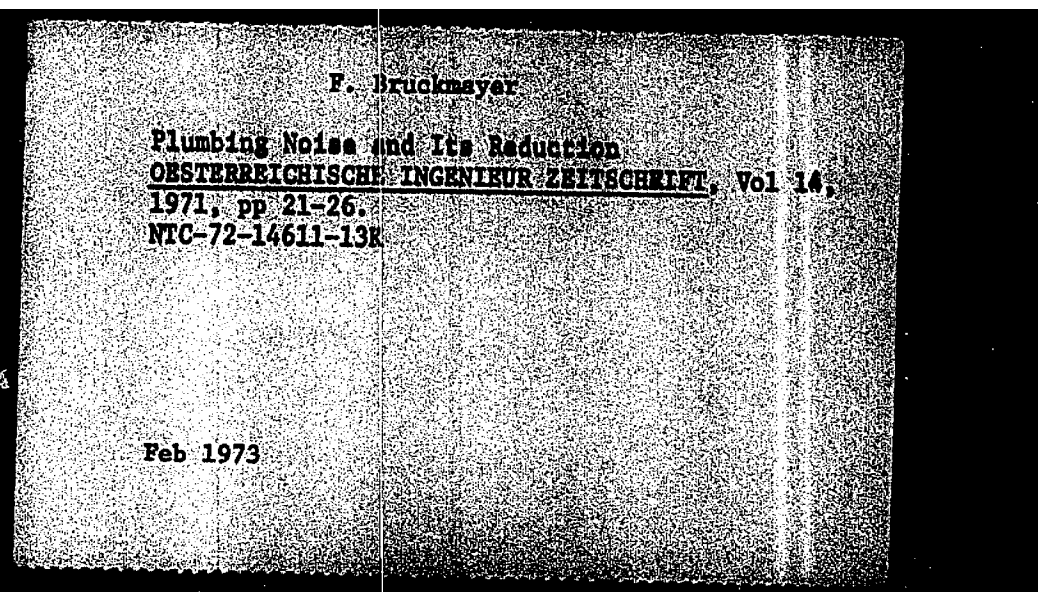
Plumbing Noise and Its Reduction

OESTERREICHISCHE INGENIEUR ZEITSCHRIFT, Vol 13, 1971

pp 21-26

NTC-72-14611-13K

Feb 1973



The Border Guard of the Warsaw Pact Nations,
by Michael Czizmas.

GERMAN, per, Oesterreichische Militaerische
Zeitschrift, No 1, 1969.

ACSI J-6686

ID 2204002169

EEur

Mil

Aug 69

389,955

National Defense in Belgium, 21 pp.
GERMAN, per, Oesterreichische Militaerische Zeitschrift,
Jan 1971.
DIA LN 1229-71

Dec 71

THE FRENCH TERRITORIAL DEFENSE

PERGENT J

LANGUAGE-GW

COUNTRY-FR

DESTERREICHISCHE MILITARISCHE ZEITSCHRIFT NO
1 72 PP 33-37

FSTC-HT-23-2417-72

THE REARMAMENT OF THE DEVELOPING COUNTRIES

LANGUAGE-GW COUNTRY-

OESTERREICHISCHE MILITARISCHE ZEITSCHRIFT NO
1 72 PP 51-52

FSTC-HT-23-2416-72

"Austrian Military Magazine"

GERMAN: Oesterreichische Militaerische Zeitschrift.
5/1972. pp 349-352.

DIA LN 396-73

(March 73)

Paper from Ceramic Fibers, no author listed.
GERMAN, per, Oesterreichische Papier-Zeitung,
vol. 75, no. 5, 1969, p. 3
NTC 71-10976-111L

August 1971

H. Gruenm

Energy Production and the Environment.
GERMAN, rpt, Austria. Oesterreichische Studien-
gesellschaft fuer Atomenergie. Seibersdorf Reaktor
Zentrum., Report SGAE-RT-39/71, 1971.
NTC 72-13604-18L

Nov 72

The Determination of N-Nitrosamines
in Cigarette Smoke Condensate, by
M. Pailer.

GERMAN, per, Oesterreichische
Tabakregie. Fachliche Mitteilungen,
No 12, 1971, pp 203-211

NTC 72-11822-070

June 72

The Danube in the Framework of the European
Waterway Network.

GERMAN, per, Oesterreichische Wasserwirtschaft,
No 1/2, Jan/Feb 1969, pp 2-3.

DIA IN 672-70

WE/Geog
Feb 71

H. Hautzenberg

Investigation of Insulating Oils for Serviceability.
GERMAN, per, Oesterreichische Zeitschrift fuer
Elektrizitaetswirtschaft, Vol 23, No 4, 1970, pp 120-
127.

NTC 72-13854-11H

Nov 72

J. Darda

Unsolved problems of airplane aerodynamics. 51 pp.

GERMAN, rpt, Offene probleme der flugzeug-aerodynamik

Presented at 4th ann. meeting of DGLR, Baden-Baden

11-13 Oct, 1971

NASA TT F 14,208

july 72

Current Shunting Frame for Lead Storage Battery
Electrodes, by P. Faber, 6 pp.

GERMAN, per. Offenlegungsschrift, 1,920,838.

ACSI-K-1736

FSTC-HT-23-1181-72

Apr 72

FRENCH

DC

480/70

3 Sep 69 SF

The New Railroad Prospects in Syria,

doc, Office Arabe de Presse et de Documentation,

Damascus, Jan 69, 15pp

Special Type "B": Transl. draft plus one

doc- return intact

O. NERA

Bureau Natl. d'Etudes et ~~de~~ de
Rech. Aérospatiales

Combustion in Supersonic Flow, by
L. Viaud.
FRENCH, per, Office National d'Etude
et de Recherche Aerospatiale. (ONERA)
Journées Scientifiques, 22-25 June 1966.
NTC 72-11193-21B

May 72

Separated Flow Research., by M. Sirieix.
FRENCH, per, Office National d'Etudes
et de Recherche Aeronautique (ONERA)
Journées Scientifiques, 22-25 June 1966.
WTC 72-11194-01A

May 72

Mixing Regimes of two Streams With Different Total
Enthalpies, by E. Le Grives. 24 pp.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE
DEPT OF DEFENSE ONLY. THIS DOCUMENT IS NOT
RESEASABLE TO DEFENSE DOCUMENTATION CENTER.
FRENCH, rpt, ONERA. Office National d'Etudes et de
Recherches Aerospatiales. Chatillon, France,
pp 30-1 to 30-10.
AIR-FTD-HC-23-15-70

nov 70

Problems in Nozzle Optimization, by P. Carrier, M. Sirieix. 36 pp.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE
DEPT OF DEFENSE ONLY. THIS DOCUMENT IS NOT
RELEASABLE TO DEFENSE DOCUMENTATION CENTER.
FRENCH, rpt, Office National d'Etudes et de Recherches
Aerospatiales. Chatillon, France, pp 24-1 to 24-20.
ONERA rpt
AIR/FTD-HC--23-15-70

nov 70

Jacques Paulon

*Theoretical and experimental study of the coexistence of
two flows in a channel of constant area. 26 pp.*

*FRENCH, Office National d'Etudes et de Recherches Aero-
spatiales (ONERA), Chatillon, pp 1-12*

AIR/FTD-HT-23-1471-72

*DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION*

jan 73

*Characteristics and possibilities of the large sonic
modane-avriens wind tunnel, by Marcel Pierre. 81 pp.
Blanch, M., Caracteristiques et possibilites de la
grande soufflerie sonique de modane-avriens,
Office National d'Etudes et de Recherches Aeronautiques,
Chatillon, France, 82 pp.
AIR/PTD-HI-25-194-71*

U.S. GOVERNMENT USE ONLY
COPYRIGHT INFORMATION

APR 78

Investigation of the Behavior of Mechanical Construction Materials, by Jean Lemaitre.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE
DEPARTMENT OF DEFENSE ONLY
FRENCH, rpt, Office National D'Etudes et de Recherches
Aerospatiales, No 112, 1966, pp 15-26.
FI00220368-V
FTD-M-23-733-67

Oct 68

369,430

Aerodynamic Study of a Hypersonic Reentry Lifting
Body, by Rene Corosuela. 24 pp.

FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN

THE DEPARTMENT OF DEFENSE ONLY

FRENCH, rpt, Office National d'Études et de
Recherches Aérospatiales, 1966, pp 1-28

P100196168-V

FTD-HT-67-77

Sci/Aeronautics

Sep 68

365,797

Interest and Realization of Pure Bending Tests
in the Elasto-Visco-Plastic Domain, by
R. Labourdette.

FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN
THE DEPARTMENT OF DEFENSE ONLY

FRESCI, rpt, Office National D'Etudes et de
Recherches Aerospatiales, 1966, pp 1-41.

PI00006068

FTD-MT-67-295

Sci-Mech

Jan 68

348,828

A New Process for Accelerating the Gradient
Method, and its Application to the Re-Entry T
Trajectories of Orbital Gliders, by Jean Fave,
8 pp. GOVERNMENT USE ONLY
FRENCH, rpt, Office Natl. d'Etudes et de
Recherches Aerospatiales, 1967, pp 19-23.
RSIC-749

WE
Sci/Space Tech
Mar 68

342,489

List of Studies Conducted and Published by
O.N.E.R.A. on the Ramjet Since 1955.
FRENCH, per, Office National d'Etudes et de
Recherches Aerospatiales. Departement des Etudes
de Syntheses, Chatillon, O.N.E.R.A. 1968, pp 1-8.
*FTD-HT-23-794-68

Sci-Prop and Fuels
Sep 68

Analytical Optimization of the Positioning and
Station Keeping of a Geostationary Satellite,
by Nguyen Van Nhan.

FRENCH, per. Office National d'Etudes et de Re-
cherches Aero., 1969, 70 pp.

ASTEC TC-1615

*ACIC

Sci/Space Tech
Mar 70

404,190

Application of a Mixing Length Scheme to the Study of
Equilibrium Turbulent, by R. Michel.

FRENCH, per, Office National D'Etudes et De
Recherches Aerospatiales, No 154, 1969, 57 pp.

*FSTC-HT-23-0812-72

Nov 71

Directions Taken in the Development of Ion
Propulsion and Current Application Objectives, by
Emile Le Grives. 34 pp.

FOR OFFICIAL USE ONLY. FOR INTERNAL USE WITHIN
THE DEPARTMENT OF DEFENSE ONLY. THIS DOCUMENT IS
NOT RELEASABLE TO DEFENSE DOCUMENTATION CENTER.

FRENCH, rpt, Office National D'Etudes et de
Recherches Aerospatiales, 199 1969, pp 1-16.
AIR/FTD/HT-23-109-70

july 70

Source: Army/Research # 48
D.S. 91 MIRA No. 972-480-7000
Title: Sollicitations Plaines pour obtenir a l'exterieur la
View of Applications to Acquire the System.
Author: Fournier, Gerard
Source: Office National d'Etudes de Recherches
Aeronautiques. Publication No. 157, pp 11-31
(1971).

Language: French

Special Instructions: Please translate.
Editorial draft only.

P. Duban

Exploitation of Test Results Obtained at Palaiseau
From the AESOP Model.

FRENCH, rpt, ONERA, 1971, pp 1-46.

*APL/JHU-J-1754

Nov 72

REQUEST TR CHECK

16-8-5

TGE8

ETUDE DU MELANGE ET DE LA COMBUSTION DE
DEUX FLUX SUPERSONIQUES PARALLELES D'AIR
ET DE METHANE

RORCHI R

FR: OFFICE NATIONAL D'ETUDES ET DE RECHERCHES
AEROSPATIALES. ~~REMMEXX~~ COMMUNICATION
PRESENTEE AUX COLLOQUES DE LA SOCIETE
FRANCAISE DE PHYSIQUE. EVIAN, 25-29 MAY 1971

pp 1-4

*Process in as**HT72-23-1468**Negative
30 Aug 72*

*Marcel Barrere**Lionel Nadaud**Predicting the unstable operating domains of solid
propellant rocket motors. 34 pp.**FRENCH, rpt, Office national d'etudes et de recherches
aerospaciales Communication presented at 22nd congress
international D'Aeronautique, Brussels, 20-25 Sept
1971, pp 1-19**AIR/FTD-HT-23-1880-71**DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION**june 72*

F. Reynaud

*Field of application of a trimethylolpropane
ester-based lubricating oil. 21 pp.*

*FRENCH, National Bureau D'Etudes et de Recherches
Aerospatiales, (ONERA) No. 830, 1971, pp 1-11
AIR/FTD-HC-83-686-72*

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

nov 72

REQ TR CHECK

28 28-8-19

TGI8

A PRACTICAL METHOD OF PREDICTING BI- AND TRI-
DIMENSIONAL TURBULENT BOUNDARY LAYERS

MICHEL R., QUEMARD C., COUSTEIX J.

FR: OFFICE NATIONAL D'ETUDES ET DE RECHERCHES
AEROSPATIALES
1972, pp 1-14

Process in as }
HT72-23-1578
Negative
18 Sept 72

Wind-Tunnel Study of a Hypersonic Lifting
Reentry Body, by Rene Ceresuela.
FRENCH, per, O. N. E. R. A., No 409, 1966.
NASA TT F-10,813

Sci - Methods & Equip
May 67

324,176

Optimal Transfers Between Close Elliptical
Orbits, by J. P. Marec. 272 pp.
FRENCH, per, ONERA, No 121, 1967, pp 5-235.
NASA TT F-554

Sci-Phys
Jan 70

399,047

Experimental Study of Single-Degree of
Freedom Flutter in Transonic Flow, by
H. Loiseau.
FRENCH, per, O. N. H. R. A., 1966,
50 pp.
NASA TT F-10,729

Sci - Phys
May 67

324,195

Theory of the Supersonic Boom Based on the
Nonlinear Theory of Short Waves, by J. P. Guiraud.
FRENCH, rpt, Office National d'Etudes et de
Recherches Aeronautiques, No 521, 1967, 22 p.
NASA TT F-11,474

Sci
Dec 68

371,065

Testin. at SI. 3A for basic investigations on jet
interactions. Distribution of pressures around the
jet orifice, by A. Loublier. 97 pp.

FRENCH, rtp, Essais a SI. 3A pour recherches de base sur
les interactions de jet. Repartition des pressions
autour de l'Orifice du jet.

Office National d'Etudes et de Recherches Aeronautiques,
Chatillon, doc no. 1/253-GX-Pt-1/5, Apr 1968, 97 pp.

NASA TT P 14,066

qpr 72

Testing as D1.MA for basic investigations on jet interactions: Distribution of pressures and velocities in the jet using the ideal standard nozzle (in isothermal state), by A. Soullier. 72 pp.

FRENCH, rpt, Essais a D1.MA par recherches de base sur les interactions de jet. Repartitions des pressions et des vitesses dans le jet tuyere type ideale (A Proud).

Office National d'Etudes et de Recherches Aeronautiques, Chatillon, doc. no 1/853-GY-Pt-2/5, May 1968, 72 pp.
NASA TP F 10,073

q/r 72

Nozzle Adjustment Problems, by Pierre Carriere.
36 pp.
FRENCH, rpt, ONERA-600, 1968, 25 pp.
NASA TT F-12, 560

Sci-Prop & F^Uels
Jan 70 11

399,018

Review of Testing Techniques for Transonic
Airfoils, by M. Bazin, 49 pp.
FRENCH, rpt, ONERA, Nov 1970,
NASA TT F 13988

Mar 72

Plasma Acceleration in a Traveling Electromagnetic Field
General Diagnostic and Velocity Measurements, by
M. Charpenel
FRENCH, rpt, Office National d'Etudes et de Recherches
Aerospatiales (ONERA), 1971,
*NASA TT F 697

aug 71

The Study and Calibration of Transducer Pressures
in Seperate Environments, by Baerd, Bernard,
Alain Julianne and Rene Nantois.

FRENCH, rpt, ONERA TP 982, Office National d'Etudes
et de Recherches Aeronautiques, pp 757-1 to 757-4,
& 7th International Congr. on Acoustics, Budapest,
1971.

NASA TT F-14,090

Mar 72

Studies of the Coherent and Inherent Structures
of Noise Originating from Aerodynamics, by
Jean-Francois de Belleval and Patrick Harel, et al.
FRENCH, rpt, ONERA TP 983, Office National d'Etudes
et de Recherches Aerospatiales Seventh International
Congress on Acoustics, Budapest, 1971, pp 1-4.
NASA TT F-14,091

Mar 72

A Theoretical Study of Air Intakes with
Dihedral Ramp, of Finite Span, in Super-
sonic Conditions, by M. Fenain.
FRENCH, per, Office National d'Etudes et
de Recherches Aeronautiques. Memo Techni-
que, No 117, 1967, Entire Issue.
NTC 69-12617-01A

Sci-Aero
Aug 69

388,463

Plasma Acceleration in a Traveling
Electromagnetic Field: General
Diagnostic and Velocity Measure-
ments, by M. Charpenal.
FRENCH, per, France. Office National
d'Etudes et de Recherches Aerospatiales.
Note Technique,
NTG-72-11870-21C

Application of a Mixing Length Scheme
to the Study of Equilibrium Turbulent
Boundary Layers, by R. Michel.
FRENCH, per, France. Office National
d'Etudes et de Recherches Aeronautiques.
Note Technique,
NTC 72-12062-20D

June 72

Effect of Impregnation on the Mechanical
Properties of Glass Fibers, by
A. kh. Yablokoff.
FRENCH, rpt, ONERA-NT-65.
NASA TT F-12,273

Sci-Mat
Sept 68

391,556

Method For the Determination of the
Noise From Turbojet Aircraft on Takeoff
Trajectories, by M. Kobrynski.

FRENCH, per, O.N.E.R.A. TN No 81,
1965, 65 pp.

NASA TT F-10,351

U. S. GOVERNMENT USE ONLY

Sci-Prop

Dec 66

316,447

Study and Flight Tests of a Mach-5
Experimental Ramjet, by R. Marguet.
FRENCH, per, O.N.E.R.A. TR, No 94,
1965, 37 p.
NASA TT F-10,319

U. S. GOVERNMENT USE ONLY
Sci-Space Tech
Dec 66

316,456

Application of the Gradient Method to the
Numerical Study of Limited Power Transfers
Between Near-Coplanar Circular Orbits. Com-
parison With the Linearized Solution, by
H. Girard.

FRENCH, rpt, Onera, Technical Note, No 112,
1967, 86 p.

NASA TT F-11,879

Sci
Dec 68

371,061

Equipment for Flight Vibration Tests of the
S.S.T. Concorde, by G. Piazzoli.
FRENCH, rpt, France. Office National D'Etudes
et de Recherches Aeronautiques. Note Techniques,
TN-120, 1967.
NTC 70-13575-01C

sci/aero
nov 70

Balances and Dynamometers Used at the
ONERA Modane Test Center, by
Pierre Broussaud.
FRENCH, rpt, ONERA -NT-122.
NASA TT F-12,173

Sci-Meth & Equip
June 69
S

384,125

Contribution to the Study of Gas Pumping by
a Cold Wall. Anisotropy of the Medium
Operating Period, by E. Welby.
FRENCH, rpt, ONERA-NT-124
NASA TT F-12,259

Sci-Phys
Sept 69

391,563

Contribution to the Study of the Three-dimensional
Incompressible Laminar Boundary Layer in the
Nonstationary Regime, by R. Zh. Zeytounian.
FRENCH, rpt, ONERA-WT-131.
NASA TT F-12,250

Sci-Phys
Sept 69

391,545

Interpretation of Turbulence Measurements, by
Robert Legendre.
FRENCH, rpt, ONERA-TN-138, 19 pp.
NASA TT F-12,241

Sci-Phys
Sept 69

391,544

Analytical Optimization of the Positioning
and Station Keeping of a Geostationary
Satellite, by Nguyen Van Nhan,
GOVERNMENT USE ONLY
FRENCH, per. Office National d'Etudes et de
Recherches Aerospatiales, Note Technique,
No 140, 105 pp.
ACIC TC-1615

Sci/Space Tech
Nov 70

Application of a Mixing Length Scheme to the Study
of Equilibrium Turbulent Boundary Layers, by
Roger Michel, Claude Quemard, 68 pp.

GOVERNMENT USE ONLY

FRENCH, rpt, Office National d'Etudes et de Recherches
Aerospatiales. Technical Note No 154, 1969, pp 1-57.
ARM/FSTC/HT-23-812-72

NASA TTF-13,463 87pp

May 72

Laser Ranging. Participation of O.N.L.R.A. in
Geodesy Operations with the Diademe Satellites,
by R. Moreau,
FRENCH, per. ONERA, Note Technique 156, 1969,
pp 1-47.
APL/JHU-T-2617

May 72

Characteristics and Possible Effects of the Large
Scale Wind Tunnel at Manned Rocket, by M. Pierre
60 p.

FRANCE, rpt, CNRS-SP-13, May 1970
NRS-22-F-12921

M. Pierre

Mar 71

P. Galmiche

Brazing Inoxidizable Steels and Chromium Materials
in a Stable Reducing-Fluoridated Atmosphere.

FRENCH, rpt, France. Office Nationale d'Etudes et
de Recherches Aerospatiales. Note Technique,

ONERA-TN-171, 1971

NTC 72-13747-13H

Nov 72

Time-Dependent Calculation Method for Transonic
Nozzle Flows, by P. Laval, 37 pp
FRENCH, rpt, ONERA-TN-173, 1971
NASA TT F 14,033

mar 72

Measurement of Interfering Unsteady
Forces Between Lifting Surfaces in
Tandem, by R. Destuynder.
FRENCH, per, France. Office National
d'Etudes et de Recherches Aeronautiques.
Publication Technique,
NTC 72-12059-01A

June

The Functioning of an Internal Boundary Bleed
on an External Compression Supersonic Air In-
take, by J. Leynaert.

FRENCH, rpt, ONERA TP-288, 1965.

NTC-69-12901-01A

Sai-Aero
Sept 69

391,098

Schlieren and Hot Wire Exploration of Wakes in
Wind-Tunnel Supersonic Flows, by J. Gaviglio and
H. Burnage.

FRENCH, bk, Office National d'Etudes et de
Recherches Aeronautiques. Publication Technique
1966.

NTC 71-14791-14B

Feb 72

A Refractory Material Resistant to Thermal
Shock, Impregnated Tantalum Carbide, by
A. Hivert.

FRENCH, rpt, France Office National d Etudes
et de Recherches Aerospatiales. Publication
Technique, 1966.
NTC-71-14865-11B

Feb 72

Some Results Related to Space Propulsion.
by J. Surugue.
FRENCH, rpt, France. Office National d'Etudes
et de Recherches Aerospatiales. Publication
Technique, 1966.
NTC-71-14866-21C

Feb 72

Basic Experiments on the Re-attachment of a
Supersonic Stream, by M. Sirieix, J. Miranda.
FRENCH, rpt, ONERA TP-326, 1966.
NTC 69-12900-01A

Sci-Aero
Sept 69

391,097

Some Aerodynamic Problems Relating
to the Hypersonic Aircraft, by
Jean Pierre Bourgeois, Chiche, F.
FRENCH, Paper, ONERA TP 416, 1966,
pp 1-31.

~~NASA TT F-11,008~~

NASA TTF-10944

Phys
May 67

Theory of the Supersonic Boom Based on the Non-linear Theory of Short Waves, by J. -P. Guiraud. FRENCH, bk, Office Nationale d'Etudes et de Recherches Aeronautiques. Publication Technique, 1967.
NTC 71-14225-01A

Feb 72